

20000212.ba v02_n803.bam.20000212

>From ???@??? Sat Feb 12 14:03:53 2000 -0600
Date: Sat, 12 Feb 2000 14:01:47 CST
From: Old Tube Radios <boatanchors@theporch.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: BOATANCHORS digest 2803
Message-Id: <20000212200150.D94AA274CE@devel143.theporch.com>

BOATANCHORS Digest 2803

Topics covered in this issue include:

- 1) Re: BA restoration/repair parts sources?
by "A. B. Bonds" <ab@vuse.vanderbilt.edu>
- 2) RE: BC-611 Battery Box
by "ROBERT W. DOWNS" <RWDowns_WA5CAB@compuserve.com>
- 3) 1938 RadioCraft Book Reproduction
by CBRENNER@uwec.edu
- 4) RE: BA restoration/repair parts sources?
by "Ed Sieb" <sieb@sympatico.ca>
- 5) Parts sources
by "Nick England" <nick@nc-cdat.com>
- 6) Re: BA TV: Hallicrafters model 601
by James Hanlon <knjhanlon@uswest.net>
- 7) RE: "CX" Event: Some Statistics ...
by James Hanlon <knjhanlon@uswest.net>
- 8) Re: "CX" Event: Some Statistics ...
by "Sandy W5TVW" <ebjr@i-55.com>
- 9) RE: BC-611 Battery Box
by David Ross <ross@hypertools.com>
- 10) Re: BC-611 Battery Box -- Free AA Alkaline Source
by "DavidC" <eDoc@netzero.net>
- 11) The Collins 180L tuners.
by Roy Morgan <roy.morgan@nist.gov>
- 12) Need Schematic for R-744 RCVR
by "Richard W. Solomon" <w1kszt@tiac.net>
- 13) WTB or WTT Viking I
by brian.harris_2@philips.com
- 14) Re: 1938 RadioCraft Book Reproduction
by "Robert Nickels" <ranickel@mwci.net>
- 15) More Mystery Connectors
by David Stinson <arc5@ix.netcom.com>
- 16) [MilSurplus] More Mystery Connectors
by "ROBERT W. DOWNS" <RWDowns_WA5CAB@compuserve.com>
- 17) RE: FRT-501
by "Ed Sieb" <sieb@sympatico.ca>
- 18) BC611 rx and tx coils wanted

by BEN NOCK <G4BXD@compuserve.com>
19) Ranger ptt standby plate current drift.
by W4U0C@aol.com
20) Re: BC-611 Battery Box
by Hans Jense <gjense@casema.net>
21) Need transformer info
by "george" <silvasy@silcom.com>
22) BENDIX TRANSMITTER CONTROL BOX
by David Stinson <arc5@ix.netcom.com>

Message-Id: <3.0.1.32.20000211084819.01cf26d0@vuse.vanderbilt.edu>
Date: Fri, 11 Feb 2000 08:48:19 -0600
To: Old Tube Radios <boatanchors@theporch.com>
From: "A. B. Bonds" <ab@vuse.vanderbilt.edu>
Subject: Re: BA restoration/repair parts sources?
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 06:29 PM 2/10/00 -0600, you wrote:

>This may be a simplistic (stupid?) question....BUT!.....
>What are some of the places you guyz buy parts to repair
>and restore your rigs? You know, a good source of caps
>of all types, resistors.....basic stuff. I have contacted
>Mouser, but as yet have received no catalog. Same for Newark,
>no catalog yet....Antique Electronic Supply seems a bit
>expensive and quite cumbersome to figure out some of their
>ordering nomenclature. Could use some Elmering here....!
>

www.radioshack.com is pretty good for knobs, resistors, caps, but is not
specialized for toob gear as is AES. If you buy resistors in quantity, the
RatShack is the best deal going.

I am told that Frontier Capacitor is good for caps, but haven't dealt with
them and don't have contact info at hand. The yellow polyester caps from
AES, though mildly expensive, seem to work extremely well. I've used
hundreds of 'em with no problems.

A. B. Bonds

Date: Fri, 11 Feb 2000 10:43:40 -0500
From: "ROBERT W. DOWNS" <RWDowns_WA5CAB@compuserve.com>
Subject: RE: BC-611 Battery Box
To: Old Tube Radios <boatanchors@theporch.com>
Message-ID: <200002111044_MC2-98C6-EBEC@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: quoted-printable

Content-Type: text/plain;
charset=ISO-8859-1
Content-Disposition: inline

Ben, Dick & Group,

What Ben's friend heard about could also have been the earlier B battery replacement that was built 20-30 years ago by an outfit in California whose name I can't at the moment remember. They also did adaptors for many of the other sets, but have apparently been out of business for many years.

The BC-611 unit (only model I ever actually saw/used) consisted of a long strip of aluminum folded up at both end, ten of the common 9-volt battery contact cables spaced down it, and insulated contacts at each end. Worked pretty well once you got all of the batteries in place, but it was easy to damage the wiring when changing batteries, and also not very difficult to get shocked while doing so! Down side was that ten 9-volt batteries aren't cheap, and because the set won't work properly below about 65-70 volts, you had to throw them away before they were fully discharged. Operating cost over several sets of batteries was probably about the same as the best contract price I ever got on the BA-38 (~\$30), but then you didn't have to buy 100 sets (1000 9-volt units) either.

The Italian unit sounds interesting, Dick. Seems like there was a rumour about it here or over on MILSURPLUS some time back but then nothing else was ever said, so I assumed that it was vapor ware, like the ones in the UK.

73,
Robert Downs
WA5CAB
Houston

Message-ID: <3DD3BED8DB4DD311B0EE0020484050DC2C52E1@kyle.uwec.edu>
From: CBRENNER@uwec.edu
To: Old Tube Radios <boatanchors@theporch.com>

Subject: 1938 RadioCraft Book Reproduction
Date: Fri, 11 Feb 2000 10:22:31 -0600

Boatanchor Fans,

Before Christmas I offered for sale here a commercially printed reproduction of the March 1938 Issue of RadioCraft Magazine, edited by Hugo Gernsback. The issue was devoted to the History of radio to that point in time (great ads, articles, interviews etc) and had an incredible amount of information about the field we all love so well. The book was published in 1983 and was part of the inventory liquidated when the printer went out of business. The book is 142 pages, printed on glossy paper, and has a commercial type book binding. I still have some left and will sell them at the prices below which include shipping.

\$10 shipped Priority Mail in the US
\$11 shipped surface mail to Canada
\$13 shipped Air Mail to Europe and Asia

If you would like one of these books please (1) email me regarding your interest and (2) send me a check as well as your mailing address to the address given below. If you are into the history of radio, I guarantee that you will be more than pleased with this book.

Chuck

Chuck Brenner, WB9GJW
1720 6th Ave. NE
Menomonie WI 54751
USA

-- "Real Radios Glow In The Dark" --

From: "Ed Sieb" <sieb@sympatico.ca>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: RE: BA restoration/repair parts sources?
Date: Fri, 11 Feb 2000 11:55:33 -0500
Message-ID: <LOBBJH0LOOHLIPLONIAFIEDMCHAA.sieb@sympatico.ca>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 8bit

Hi Dan, and gang,

Here's a place to start your search:
<http://www.thebizlink.com/am/resou.htm#parts>
This is a list of good parts sources. Some of those links don't

work, so here are a few others that do work:

Paints, and restoration parts:

ALO Restoration: (Bought former R&R Parts):

<http://www2.southwind.net/~n0alo/>

Cardwell Condenser:

THE Main National, Johnson, Hammarlund parts source;

Coils, capacitors, etc.

<http://www.cardwellcondenser.com/>

Daburn Electronics.

Must be seen to be believed! Has everything a BA enthusiast might want. Ceramic parts, Porcelain stuff, insulators, hardware, etc. etc. etc. EXCELLENT!

<http://www.daburn.com/~daburn/>

Fair Radio: Another excellent source for serious parts.

<http://www.fairradio.com/>

RF Parts Co. -- transmitting parts: capacitors, coils, tubes

Good Source. <http://www.rfparts.com/>

Murphy's Surplus -- Another good source of "stuff":

<http://www.maxpages.com/murphyjunk>

SBE Electronics - these people make the

Orange Drop capacitors!!

<http://www.sbelectronics.com/>

Hammond Corp.

Transformers, Cabinets

Has a line of "Classic" transformers

<http://www.hammondmfg.com/index.htm>

Surplus Sales of Nebraska: All kinds of serious parts.

Good source.

<http://www.surplussales.com/>

William Ford Surplus.

Always an excellent source for both surplus (rigs, etc) and parts. <http://www.falls.igs.net/~testequipment/>

C & H Sales Inc. Not specifically electronic parts, but is a general surplus dealer. Good catalog, always has some unusual, but useful items. Good source for mechanical parts, hardware, tools, etc.

<http://www.aaaim.com/CandH/index.htm>

Hope this helps!

73
Ed
VA3ES

Message-ID: <012101bf74b2\$102f01a0\$68dd8ad1@heathkit>
From: "Nick England" <nick@nc-cdat.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Parts sources
Date: Fri, 11 Feb 2000 12:04:30 -0500
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I try to maintain lists of sources of parts, manuals, gear, etc, on my
Boatanchors FAQ site - <http://www.cs.unc.edu/~nick/rrab.faq.htm>

Corrections and additions are always welcomed.

73 & Have Fun,
Nick KD4CPL <nick@nc-cdat.com>
<http://www.cs.unc.edu/~nick/hobbies.html>

Message-ID: <38A44048.6357C777@uswest.net>
Date: Fri, 11 Feb 2000 10:00:57 -0700
From: James Hanlon <knjhanlon@uswest.net>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: BA TV: Hallicrafters model 601
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Bob,

Chuck Dachis' book, "Radios by Hallicrafters," is a
wonderful source for info on all sorts of Hallicrafters
products. Chuck says the following about your model 601 TV.

Re models 518, 519, 520, 521, 600, 601, 602, 603, 604, made
in 1949 to 1950, "All of these sets used the same 20-tube
chassis with a 12-channel rotary tuner. The differences
were in the size of the picture tube, type and style of the
cabinet (various console and table tops), and the size of

the speaker. The 518, 521, 601, and 602 had 12" screens, the 600 had a 10" screen, the 519, 520, 603 and 604 had 16" screens. 120 volts ac."

By the way, I have a 506 which is a 1948, with a 7" electrostatically deflected CRT, an internal high frequency oscillator/autotransformer for its HV supply, and with a tuning push-button for channel 1 cut off inside the cabinet. I'll have to get it out and make it work one of these days so I can amaze the grandkids.

73,

Jim, W8KGI

Message-ID: <38A44404.AF38E06@uswest.net>
Date: Fri, 11 Feb 2000 10:16:53 -0700
From: James Hanlon <knjhanlon@uswest.net>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: RE: "CX" Event: Some Statistics ...
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Seeing Sandy's list of rigs on and worked, I have to add some of my own.

Pairs I had on included: (on 20 cw) R4B/T4X, NC200/41 Meissner Deluxe Signal Shifter, SX28/32V3, HQ170A/CE 100V; (on 40 cw) HR0-50T/Lettine 240, HR0/Millen 90711/90800, BC459/BC455-BC453, NC-173/Valiant, RME69/Globe Scout 680 (the green one), 75A4/TBS50C-D (started as a C and someone added the speech amp, also with HW vfo); (on 80 cw) FB7A-QF1/DX100, BC454-BC453/CBY52209 (a Navy BC457 vintage 1940). My age multiplier with all of this gear was 1241 years!

One of the more gutsy stations I worked was K4EJQ, Bunky's S38/6L6 CCO combination. It made it all the way from TN to NM on 80 meters! I also enjoyed Marty's 69 Twins (Stancor and RME) and Jack, W7QQQ's push pull 809 TPTG. The CX out here in the Southwest was really great. I made 56 contacts, and there were guys on all of the CW bands calling each other all of the time. No more scrounging for contacts.

See you all in September!

Jim, W8KGI

Message-ID: <001701bf74bb\$f9ce0c80\$d364e7d0@sandy-s-pentium>
From: "Sandy W5TVW" <ebjr@i-55.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: "CX" Event: Some Statistics ...
Date: Fri, 11 Feb 2000 12:13:41 -0600
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

-----Original Message-----
From: James Hanlon <knjhanlon@uswest.net>
To: Old Tube Radios <boatanchors@theporch.com>
Date: Friday, February 11, 2000 11:14 AM
Subject: RE: "CX" Event: Some Statistics ...

>One of the more gutsy stations I worked was K4EJQ, Bunky's
>S38/6L6 CCO combination. It made it all the way from TN to
>NM on 80 meters! I also enjoyed Marty's 69 Twins (Stancor
>and RME) and Jack, W7QQQ's push pull 809 TPTG. The CX out
>here in the Southwest was really great....

We soon forget the possibilities on 80! I used to have a
very modest
antenna (Inverted "L") in the city. Now I have the space and
supports
for my 135' dipole up at 50', in the center and on the ends too!
Fed
with 450 ohm "ladder line". I have not yet fired up the big
Henry
2K-2 amplifier as with the SR-400 and 200 watts, it seems to
radiate a pretty
loud signal. I probably will be getting the Henry going this
summer on 40 to
combat the Central American SSB QRM on the CW band.

80 is truly a coast -to-coast band around 0600 GMT or so. I
regularly
work a friend in Connecticut from here (Southeast Louisiana) 2-3
times
a week. When the QRN level comes up, we QSY to 40. Even with
QRN in the summer time, 80 can be a good band for short haul
(250-750 miles or so) QSOs. Personally, I'd rather static than
the fierce
and mean QRM one encounters on 40 meters nowadays. I do think

that
with the new licensing structure, we will be forced down into the
"lower 25"
eventually anyway for CW. Unfortunately, when there is a *BIG*
contest,
the band will then be useless for other things.
Looking forward to the next "CX"! When will it be? I hope
the
activity will increase! It gets lively then.
73,
Sandy W5TVW

Message-Id: <3.0.6.32.20000211113159.007bd230@mail.willapabay.org>
Date: Fri, 11 Feb 2000 11:31:59 -0800
To: Old Tube Radios <boatanchors@theporch.com>
From: David Ross <ross@hypertools.com>
Subject: RE: BC-611 Battery Box
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

BAfolks -

Regarding the BC-611 battery boxes...

At 10:43 AM 02/11/2000 -0500, ROBERT W. DOWNS wrote:
>...could also have been the earlier B battery
>replacement that was built 20-30 years ago by an outfit in California whose
>name I can't at the moment remember. They also did adaptors for many of
>the other sets, but have apparently been out of business for many years.

One company which did this was TNM Enterprises, in the Los Angeles area.
TNM also made battery replacement boxes for the PRC-8,9,10, the PRC-25,77,
and also for the PRC-6. Sadly, TNM has long since gone out of business.

The TNM box for the PRC-10 is a real nice piece - well made & with the
proper battery connector (no, I have no idea where they got the
connectors...). Costs about \$30 to fill it up with Duracells lately,
though...

73
Dave Ross N7EPI ross@hypertools.com

Message-ID: <01f901bf74cd\$084f5dc0\$62943004@oemcomputer>
From: "DavidC" <eDoc@netzero.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: BC-611 Battery Box -- Free AA Alkaline Source

Date: Fri, 11 Feb 2000 15:17:31 -0500
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Folks, a frugal BA user tip: If you need a lot of AA Alkalines for your PRC-10 or other BA battery boxes you can get them for free.

Go to a shop that develops throwaway cameras and ask for the discards after they remove the film. Many toss them in the dump and will save them in a bag for you instead. There is a barely used AA Alkaline battery inside each.

- Thanks! & 73, DavidC K1YP in Hudson, FL
<http://www.qsl.net/k1yp>

> The TNM box for the PRC-10 is a real nice piece - well made & with the
> proper battery connector (no, I have no idea where they got the
> connectors...). Costs about \$30 to fill it up with Duracells lately,
> though...
>
> 73
> Dave Ross N7EPI ross@hypertools.com

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<http://www.netzero.net/download/index.html>

Message-Id: <4.2.0.58.20000211154756.00c0cdc0@sdct-sunsrv1.ncsl.nist.gov>
Date: Fri, 11 Feb 2000 15:51:34 -0500
To: Old Tube Radios <boatanchors@theporch.com>
From: Roy Morgan <roy.morgan@nist.gov>
Subject: The Collins 180L tuners.
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 05:38 AM 2/11/00 -0600, you wrote:
>From: "Owens, Clarence" <clare.owens@otis.com>
>Subject: '375 & CHAINSAW MASSACRES

>Marty wrote:

>

>But the design was a symphony from the chopper-operated DC tube-amp on
>a phase detector to the vacuum capacitors & antenna changeover relay.

>Where were the phase detector and the tube amp? I saw some of the 180Ls
>for sale several years ago but do not remember seeing any tubes

The 180L-1 is a manually operated tuner used in front of a person. It has knobs on the front.

The 180L-3 is a remotely operated automatic tuner used in aircraft systems. It has no knobs on the front.

Two versions of the -3 model are shown in my manual: one with and one without the antenna changeover relay.

Do not confuse the two tuners.

Roy

-

Roy Morgan
Keep em glowing! K1LK Y since 1959
7130 Panorama Drive, Derwood MD 20855
301-330-8828

Message-ID: <01BF74BF.20C4B0C0.w1kszt@tiac.net>
From: "Richard W. Solomon" <w1kszt@tiac.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Need Schematic for R-744 RCVR
Date: Fri, 11 Feb 2000 18:21:03 -0500

Some "chainsaw" removed the innards from this radio and mounted it on a rack panel.

So I need a copy of the schematic to get it working again It took a while to figure out

what I had, but found a complete radio on the bay site.

Anyone have a manual or a schematic of this receiver ??

Tnx es 73, Dick, W1KSZ

From: brian.harris_2@philips.com
To: Old Tube Radios <boatanchors@theporch.com>

Subject: WTB or WTT Viking I
Message-ID: <00569100036548180000002L182*@MHS>
Date: Fri, 11 Feb 2000 19:12:03 -0600
MIME-Version: 1.0
Content-Type: text/plain; charset=iso-8859-1; name="MEMO 02/11/00 19:15:19"
Content-Transfer-Encoding: quoted-printable
Content-Disposition: inline

To complement my nearly complete, working Johnson collection, I would like to buy or trade for a good-to-excellent Viking I. I will pick up within a 200 mile radius of Dallas or pay for professional packing and shipping. Possible trading materials are:

Valiant
R-390A
CE100V
SBE33
SBE34

Thanks and very 73,

Brian Harris WA5UEK
Plano, Texas=

Message-ID: <011501bf7508\$ed7ddc60\$f80ccfd1@default>
From: "Robert Nickels" <ranickel@mwci.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: 1938 RadioCraft Book Reproduction
Date: Fri, 11 Feb 2000 21:21:38 -0600
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> Before Christmas I offered for sale here a commercially printed reproduction of the March 1938 Issue of RadioCraft Magazine, edited by Hugo Gernsback.

Let me just add that Chuck has done a marvelous job with this reproduction, it's the equal of any on the market and you will certainly be pleased!

73, Bob W9RAN

Message-ID: <38A4DC2F.B1D9B755@ix.netcom.com>
Date: Fri, 11 Feb 2000 22:06:07 -0600

From: David Stinson <arc5@ix.netcom.com>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: More Mystery Connectors
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Can anyone tell me what these old connectors might fit?

S0-240 S0-86 S0-37 PL-90

Thanks,
Dave S.

Date: Sat, 12 Feb 2000 00:56:54 -0500
From: "ROBERT W. DOWNS" <RWDowns_WA5CAB@compuserve.com>
Subject: [MilSurplus] More Mystery Connectors
To: Old Tube Radios <boatanchors@theporch.com>
Cc: "milsurplus@qth.net" <milsurplus@qth.net>,
Boatanchors <boatanchors@theporch.com>
Message-ID: <200002120057_MC2-98DD-A05F@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: quoted-printable
Content-Type: text/plain;
charset=ISO-8859-1
Content-Disposition: inline

Dave & Group,

S0-86 is used on the CD-195 extension cord for the T-24 microphone or TS-11
handset used with the SCR-194 and SCR-195 (BC-222 and BC-322). Also with=
the RM-21-A..C for SCR-543-A..C. And probably others.

Don't know about the other three. What are the insert configurations? And
shell styles?

Message text written by David Stinson
>Can anyone tell me what these old connectors might fit?
S0-240 S0-86 S0-37 PL-90
<

Robert Downs

WA5CAB
Houston

From: "Ed Sieb" <sieb@sympatico.ca>
To: Old Tube Radios <boatanchors@theporch.com>
Cc: "John Phillips" <johndp@cybersurf.net>
Subject: RE: FRT-501
Date: Sat, 12 Feb 2000 10:37:15 -0500
Message-ID: <LOBBJHOL00HLIPLONIAFMFDCHAA.sieb@sympatico.ca>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi All,

With the kind indulgence of the list owners, and members,
I'm forwarding this on behalf of John Philips, VE6AEJ
who has a question about the Marconi FRT-501 transmitter.
I'm sure the gurus on the list will have an answer for him.

> -----Original Message-----
> From: John Phillips [mailto:johndp@cybersurf.net]
> Sent: Saturday, February 12, 2000 2:06 AM
> Subject: [AMRadio] 80 metre AM freq.
>
>
> I have a request that would probably be applicable to Canadian
> hams since the equipment is distinctly Canadian (but certainly cud
> have found its way into the U.S.) . I'm looking for a manual,
> instructions whatever, for a Marconi AM/CW transmitter made in
> 1953. Covers from approx. 1.6mc to 19mc. The circuit diagram is on
> an etched plate inside the door which is sure a good start, but
> I'd like to know more about it. Looks like a couple hundred
> watts. Tall cabinet about 6'. Probably used in RCAF ground
> stations. Marconi FRT - 501.
> Thank you.
> John D. Phillips VE6AEJ
> Box 5880
> High River, Alberta. Canada T1V 1P6
> 403 652 3649
> johndp@cybersurf.net

Date: Sat, 12 Feb 2000 10:47:15 -0500
From: BEN NOCK <G4BXD@compuserve.com>
Subject: BC611 rx and tx coils wanted

To: Old Tube Radios <boatanchors@theporch.com>
Message-ID: <200002121047_MC2-98D7-CD9D@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: quoted-printable
Content-Type: text/plain;
charset=ISO-8859-1
Content-Disposition: inline

Does anyone have a spare set of coils for the BC611, =

around 80 Mtrs, ie anywhere from 3.5 to 3.8 Mhz ?

I am interested in purchasing a set if they do. =

many thanks, Ben G4BXD.

>>>>>>>>>>><<<<<<<<<<<<<<<<<
E.F.T.E.
www.qsl.net/g4bx=

From: W4UOC@aol.com
Message-ID: <98.1a40e75.25d6dd31@aol.com>
Date: Sat, 12 Feb 2000 10:58:41 EST
Subject: Ranger ptt standby plate current drift.
To: Old Tube Radios <boatanchors@theporch.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

I have been using a Ranger I for several years in which I installed the ppt mods. as described in the Ranger manual.

When I release the ptt and have the meter in the plate position it reads an idling current of about 40 mils. It appears that what it is really reading is the current flow through the clamp tube (6AQ5) which has an 11K ohm screen resistor and then the plate return is through a 30K 20 watt resistor.

I suspected that the values of those resistors was changing with heat but that is not the case. They read very close to the cold readings.

I have tried replacing the clamp tube with several different ones that all check good and found one that seemed to hold the current lower than the others at about 40 mils but after some time it started to allow the current to creep up to about 75-80 mils.

Checking the voltages I find that the plate voltage is about right at approx.

180 vdc.

However the screen voltage which is supposed to be more like 250 vdc is low around 190 vdc. instead of the expected 255 vdc. If I try to adjust the modulator screen voltage with the R-35 the 20K power resistor to increase the voltage it effects the modulator screen and modulator resting current adversely.

Is this just the effect of a poor 6AQ5?

Any ideas.... what am I overlooking. Or is it really a problem anyway?

Does anyone have any ideas as to what is causing this.

Thanks in advance for your suggestions.

Tom Koch - W4UOC

W4UOC's Home Page

Message-ID: <38A5878D.9B0598C7@casema.net>
Date: Sat, 12 Feb 2000 17:17:17 +0100
From: Hans Jense <gjense@casema.net>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: BC-611 Battery Box
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Bob, Ben, Dick & Group,

I too can recommend Carmelo's inverter PS for the BC-611. I bought one upon the recommendation of Dick and haven't regretted the purchase.

-- Hans

"ROBERT W. DOWNS" wrote:

> Ben, Dick & Group,
>
> What Ben's friend heard about could also have been the earlier B battery
> replacement that was built 20-30 years ago by an outfit in California whose
> name I can't at the moment remember. They also did adaptors for many of
> the other sets, but have apparently been out of business for many years.
>
> The BC-611 unit (only model I ever actually saw/used) consisted of a long
> strip of aluminum folded up at both end, ten of the common 9-volt battery

> contact cables spaced down it, and insulated contacts at each end. Worked
> pretty well once you got all of the batteries in place, but it was easy to
> damage the wiring when changing batteries, and also not very difficult to
> get shocked while doing so! Down side was that ten 9-volt batteries aren't
> cheap, and because the set won't work properly below about 65-70 volts, you
> had to throw them away before they were fully discharged. Operating cost
> over several sets of batteries was probably about the same as the best
> contract price I ever got on the BA-38 (~\$30), but then you didn't have to
> buy 100 sets (1000 9-volt units) either.

>
> The Italian unit sounds interesting, Dick. Seems like there was a rumour
> about it here or over on MILSURPLUS some time back but then nothing else
> was ever said, so I assumed that it was vapor ware, like the ones in the
> UK.

>
> 73,
> Robert Downs
> WA5CAB
> Houston

Message-ID: <002901bf7589\$8a773220\$92d247cf@oemcomputer>

From: "george" <silvasy@silcom.com>

To: Old Tube Radios <boatanchors@theporch.com>

Subject: Need transformer info

Date: Sat, 12 Feb 2000 10:46:56 -0800

MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

If there is anyone with a stancor catalog, I sure would appreciate the specs
on a Stancor A-4212.

Thanks in advance

George wa6hcx

Message-ID: <38A5BC0D.9D86F76B@ix.netcom.com>

Date: Sat, 12 Feb 2000 14:01:17 -0600

From: David Stinson <arc5@ix.netcom.com>

MIME-Version: 1.0

To: Old Tube Radios <boatanchors@theporch.com>

Subject: BENDIX TRANSMITTER CONTROL BOX

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Trying to identify a Bendix WWII Transmitter control box.

Bendix model 3616B. British Air Ministry type also 3616B.
Eight channels, mode switch RT/CW/MCW, I-C/Radio switch,
SEND/REC./SEND LOCK switch, LOCAL/REMOTE switch,
OFF/MASTER RADIO and OFF/I-C switches.
HUGE 37 pin cannon plug on the bottom.
It's *not* for RTA-1B. Anyone have a clue?

73 DE Dave Stinson AB5S

End of BOATANCHORS Digest 2803
